Fractions of Amounts
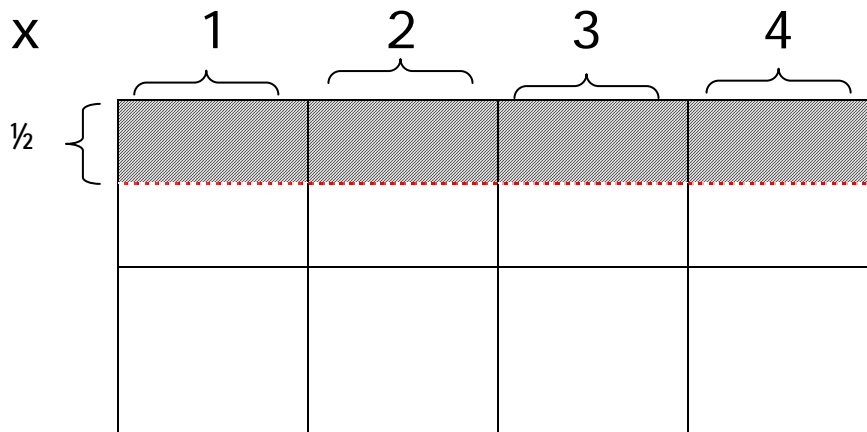
To find a fraction of an amount or quantity you multiply the amount by the fraction.

½ of 4 means   ½ x 4

Check this by using the multiplication diagram below

| x | 1 | 2 | 3 | 4 |

There are four ½s which gives the answer 2   ½ of 4 = 2

or 4 ÷ 2 = 2

When finding a fraction of an amount with a fraction with 1 on top

½ of £36

Divide by the bottom   36 ÷ 2 = 18   ½ of £36 = £18

Try these:

$\frac{1}{2}$ of £48 $\frac{1}{8}$ of 40 $\frac{1}{2}$ of 33 $\frac{1}{5}$ of 105

When working out a fraction that is more than 1 part

$\frac{2}{3}$ of 66

First find 1 part by dividing by the **bottom**   66 ÷ **3** = 22

Then find the parts you want by multiplying by the **top**   22 x **2** = 44

44 is $\frac{2}{3}$ of 66